



by Johns-Manville

TRANSITE WALLS

TRANSITE WALLS *by* JOHNS-MANVILLE

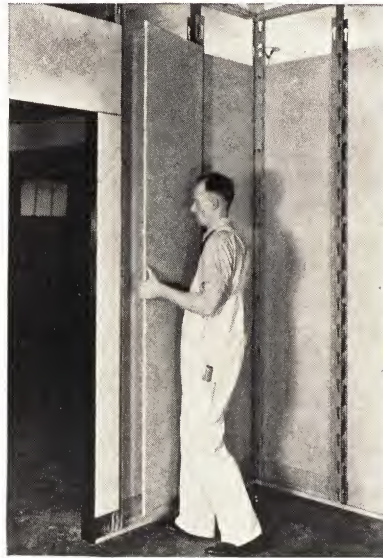
A wall construction for sub-dividing building interiors that combines the best features of conventional walls with an entirely new conception of what a movable partition can offer

Until recent years, conventional office walls have always been of either one or two general types. The permanent type of wall offered advantages of privacy and solidity but did so at the expense of movability. Any essential change in office layout necessitated complete and total wreckage with little or no salvageability of materials.

Movable partitions, on the other hand, have offered only a partial solution to this problem. Providing only a small degree of privacy, they presented a temporary appearance, offered little in the way of sound resistance and were of course structurally inferior to the permanent type.

Johns-Manville Transite Walls, while retaining all the advantages of the conventional solid type of wall, have completely changed the accepted conception of what a movable partition can offer in the way of adaptability to present-day needs.

The material Transite is not new in building construction. For over a quarter of a century, this rugged



Concealed holding devices and steel studs form the framework for Transite Walls, the most modern of movable wall partitions. Easily and quickly erected, they are also virtually 100% salvageable.

asbestos and portland cement product has been giving satisfactory service in hundreds of industrial plants, where it has withstood virtually every condition destructive to ordinary building materials. Johns-Manville engineers have taken this proved material — Transite — and combined it with an ingenious construction method to produce what may truly be called the first all-purpose partition.

Permanent, yet erected in a fraction of the time required for solid walls; strong and sturdy, yet readily movable and adaptable to re-location and office expansion with an economy and speed hitherto unknown in movable walls; highly re-

sistant to abuse, yet capable of unlimited decorative possibilities; modern in appearance because of their flush projection-free surfaces; fire-proof, sound-resistant and practically maintenance-free, Transite Walls meet every partition requirement of modern business from factory production areas to president's office.



A feeling of permanence and solidity pervades this reception room of Schenley Distillers Corporation's executive offices, yet its Transite Walls, finished in curly maple veneer, provide advantages of movability found in no other type of wall construction. Hegeman Studios, Inc., designers.



The adaptability of Transite to decorative treatment is illustrated by this attractive office reception room, in which the walls are finished in English sycamore wood veneer. The recessed display case in the rear was easily accommodated in the standard Transite Wall construction.

TRANSITE WALLS *by* JOHNS-MANVILLE



A typical example of the use of free standing Transite and glass walls in a large industrial plant. The installation is one of several which have been made for the General Electric Company, Schenectady, New York.



Ceiling-high Transite Walls assure adequate visual control and provide for future re-location or expansion at minimum expense in these offices of a large investment house. The glass light frames are standard units.

ADVANTAGES OF TRANSITE WALLS

SPEED AND SIMPLICITY OF ERECTION—Made possible by exclusive patented features and by the use of small easily handled, interchangeable units which can be transported from stock to floor inside elevator cabs. Only ordinary carpenter's tools are required for erection or dis-assembly; no specially trained labor is necessary. In fact, mechanics accustomed to other types of movable partitions testify to the speed and simplicity of making office layout changes with Transite Walls.

ENTIRELY DRY CONSTRUCTION—Permits walls to be painted immediately if desired—no long delays for drying out before the decorative plan can be completed.

MAXIMUM SALVAGEABILITY—The use of interchangeable units insures maximum salvageability in the event that offices are re-located or wall changes are made subsequent to the original installation.

ADAPTABLE TO CHANGING CONDITIONS—Transite Walls afford an adaptability to changing conditions unequalled by any other form of wall construction. For example, a solid Transite Wall can be changed to one of Transite and glass, door openings can be re-located or eliminated and similar extensive alterations made after installation with a minimum investment in new materials and with a minimum of labor and disturbance. Salvaged parts can be stored in a small part of the space required for storing movable partitions of the sectional type.

UNLIMITED DECORATIVE POSSIBILITIES—An almost unlimited variety of distinctive interior effects are possible because of the unusual ability of Transite to take decorative finishes. Wood and cork veneers, lacquer, paint, leather and cloth are among the more popular surfacings; often the natural finish of the material itself is simply waxed to produce a most attractive and inexpensive wall treatment. Different decorative treatments may be used on the two sides of the same wall, as, for example, a wood veneered finish on Transite for

an executive office with a painted finish on the opposite side of the wall to meet the simpler requirements of a general office.

ALL WIRING AND PIPING EASILY ACCESSIBLE—Transite Walls provide safe, adequate and out-of-sight provision for electric and telephone wiring, and plumbing, heating and ventilating systems with easy accessibility for making changes or repairs. Wiring and piping concealed within Transite Walls can be exposed with a minimum of disturbance and without any of the litter necessary with plaster walls.

FIREPROOF—Transite itself is fireproof, as are all accessories used in the construction of Transite Walls. As a fire-retardant, Transite Walls have been tested by the Testing Laboratories of Columbia University and accepted by the Bureau of Buildings of New York City for use where walls capable of passing a one-hour fire test are required.

SOUND-RESISTANT—Transite Walls are equal to many types of permanent walls and are superior to most movable partitions in sound resistance. Where additional privacy is required, provision can be made for greater sound-resistance without resorting to non-standard construction. The results of exhaustive comparative sound-resistance tests conducted at the J-M Acoustical Research Laboratory are available on request.

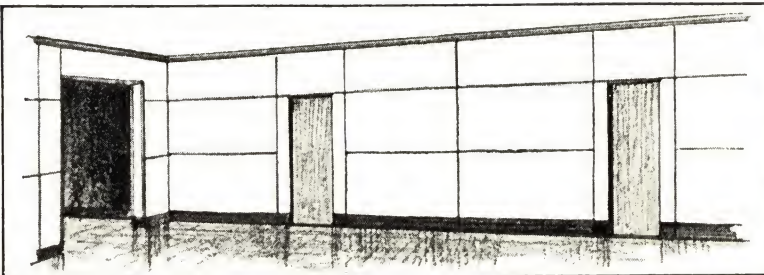
PERMANENT—All materials used in the construction of Transite Walls are permanent. The steel floor and ceiling channels, steel studs, patented holding devices and the Transite panels, baseboards and friezes are as enduring as the structural walls of the building. Transite Walls are highly resistant to shock and will not crack or dent even under severe abuse.

ADAPTABLE TO ALL TYPES OF WALLS—Transite Walls are adaptable to any conventional type of construction, including floor-to-ceiling walls and free-standing partitions of various heights, with or without borrowed lights, as well as railings of all standard heights, from low rail to bank screen.

TRANSITE WALLS *by* JOHNS-MANVILLE



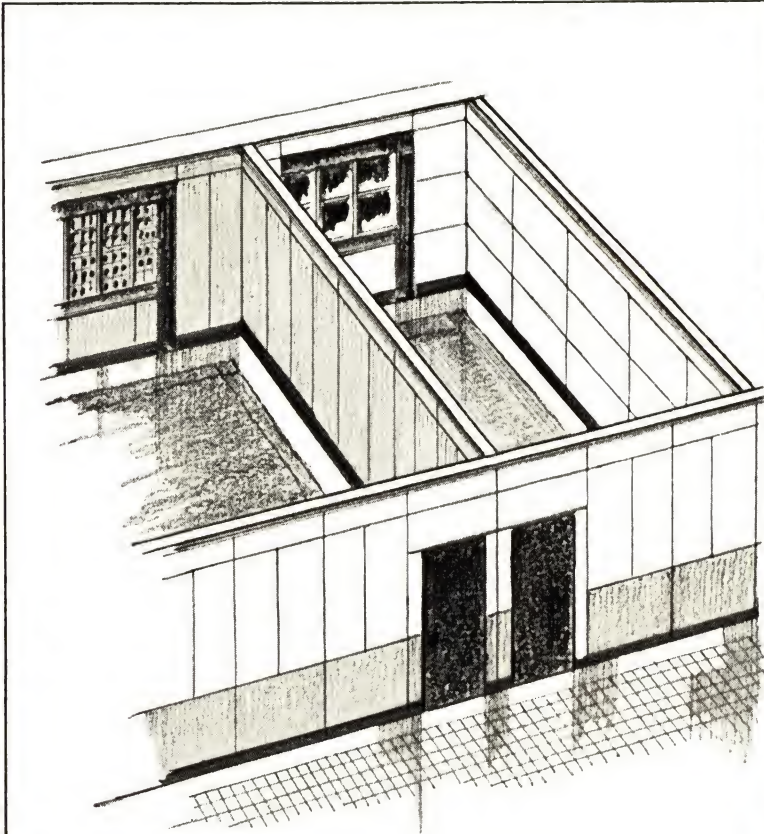
YARDLEY & CO. LTD. N.Y.



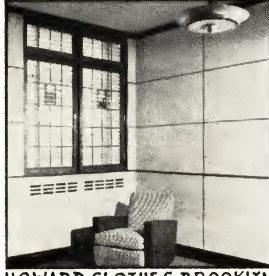
WALDORF ASTORIA HOTEL



ALUMINUM CO. OF AMERICA PIT.



BOOK-CADILLAC HOTEL DETR.



HOWARD CLOTHES BROOKLYN



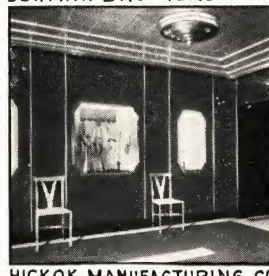
BANKERS TRUST COMPANY N.Y.



LEHMAN BROTHERS N.Y.



UNITED DRUG CO. BOSTON

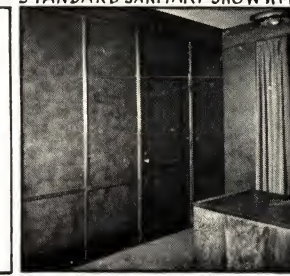
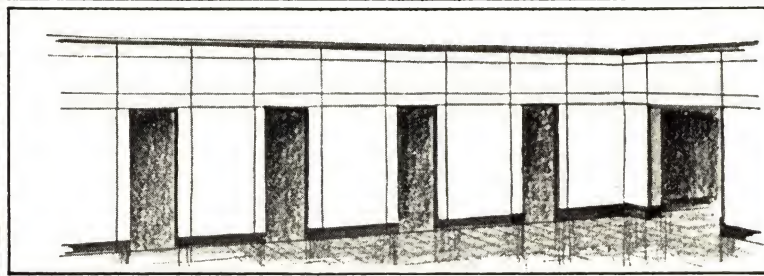


HICKOK MANUFACTURING CO.

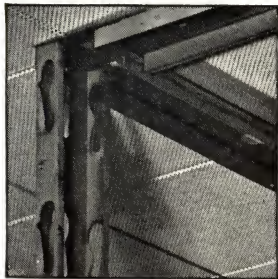


STANDARD SANITARY SHOW R.M.

From a decorative standpoint, Transite Walls offer virtually unlimited possibilities. The ability of Transite to take practically any finish affords a wide latitude of treatment, while the interchangeability of the units permits a flexibility of panel arrangement equalled by no other form of wall construction. The above sketch shows how both the decorative finish and the panel scheme may be varied on opposite sides of the same wall.

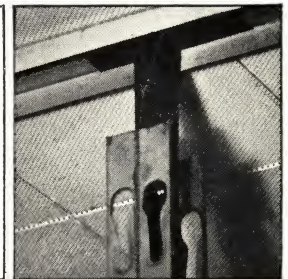


TRANSITE WALLS *by* JOHNS-MANVILLE

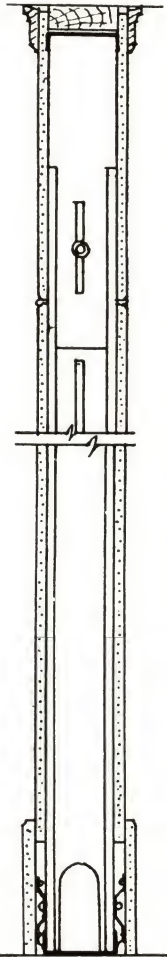


DETAIL CORNER AT CEILING

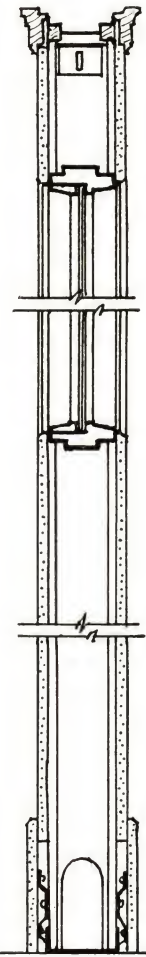
Below: A typical ceiling-high Transite Wall installation in course of erection, with standard hollow metal door buck and borrowed light frame in position and the sheets on one face of the wall fastened to the steel studs by means of patented concealed holding devices.



DETAIL STUD AT CEILING



SCALE SECTION
TRANSITE WALL



SCALE SECTION
TRANSITE-GLASS WALL



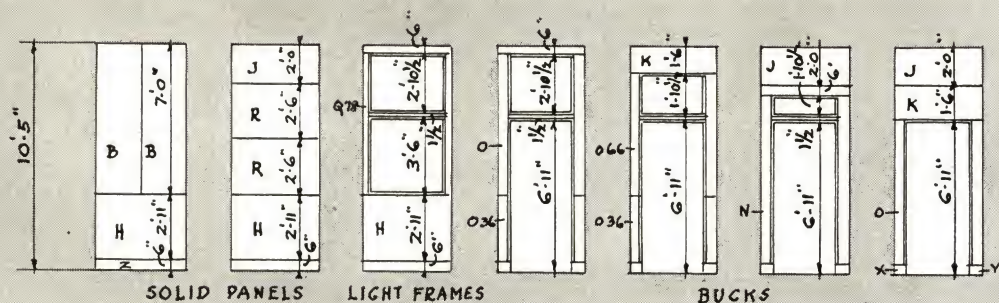
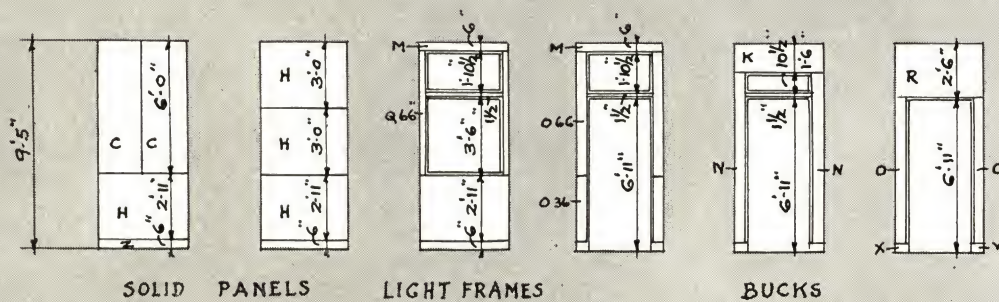
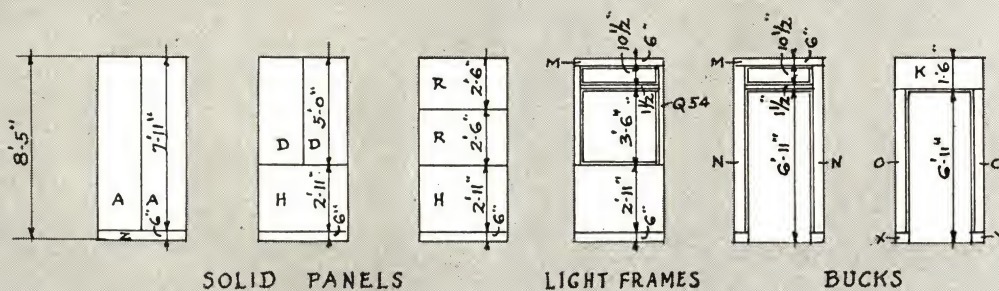
DETAIL CORNER AT FLOOR

Above: Completion of the installation shown in the upper photo. The Transite sheets have now been hung on both sides of the steel studs, the Transite base has been snapped into place, and the walls are ready for immediate painting or other decorative treatment.



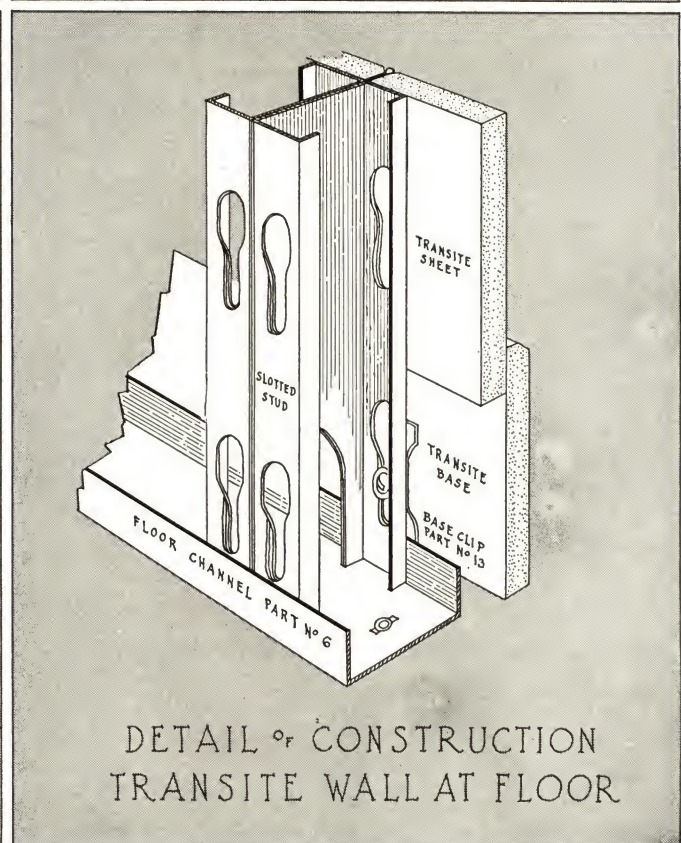
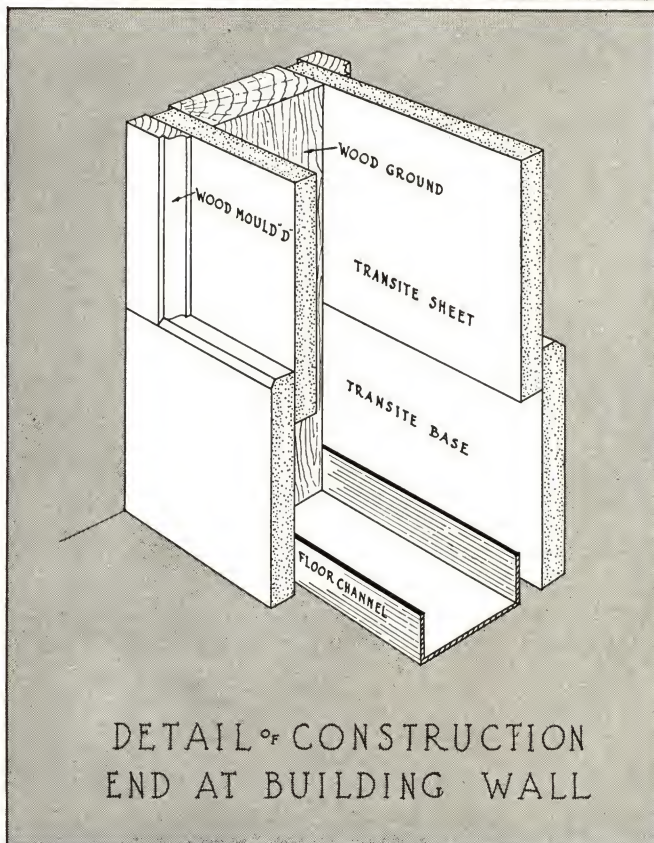
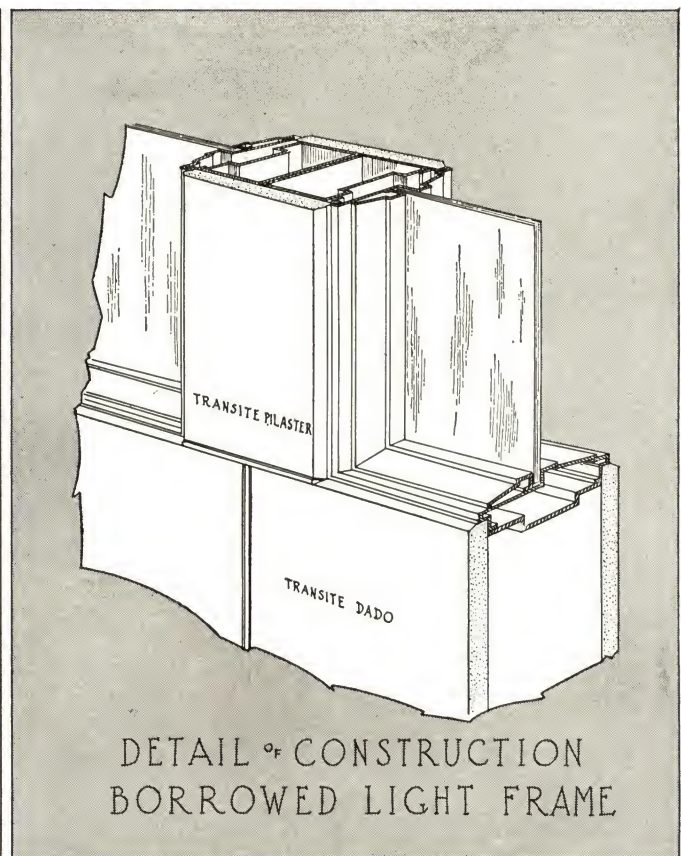
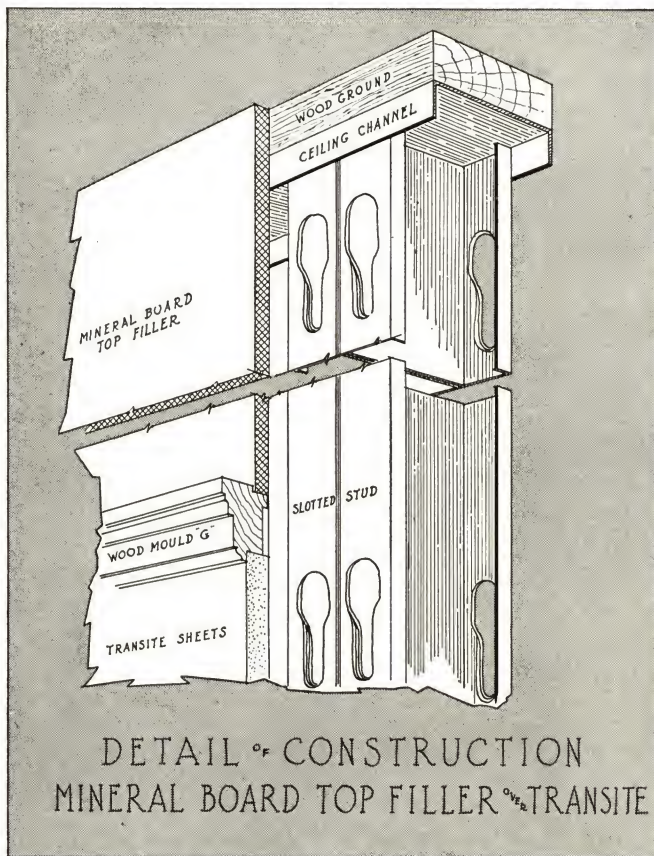
DETAIL DOOR BUCK AT FLOOR

TRANSITE WALLS *by* JOHNS-MANVILLE

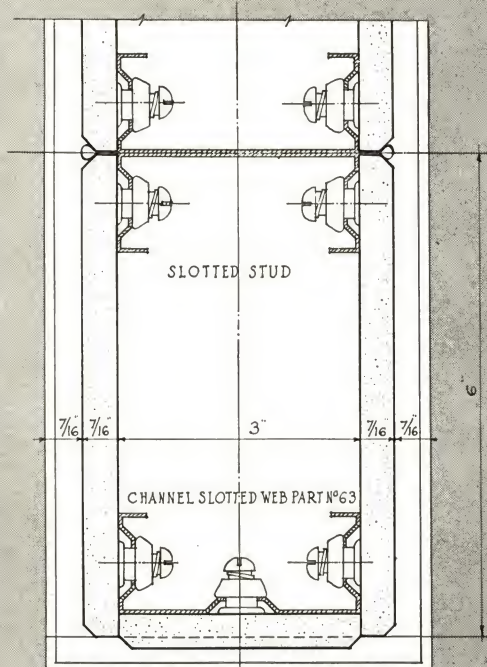


STANDARD TRANSITE PANELS · LIGHT FRAMES · BUCKS IN 4'-0" WIDE UNITS

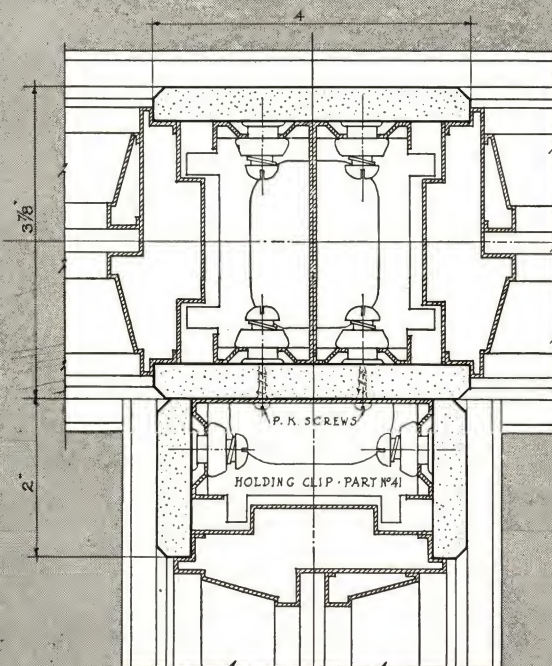
TRANSITE WALLS *by* JOHNS-MANVILLE



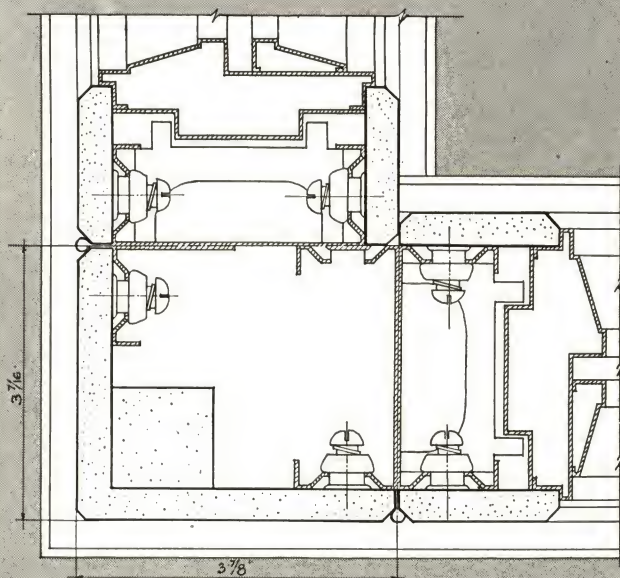
TRAN SITE WALLS *by* JOHNS-MANVILLE



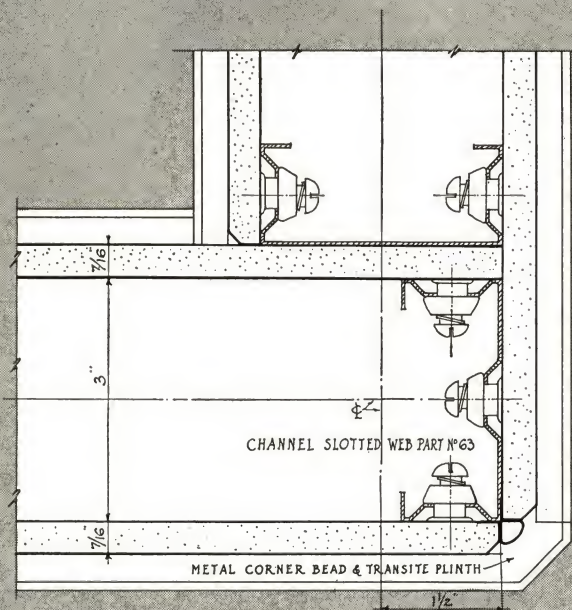
PLAN SECTION OF CLOSED WALL END



INTERSECTING WALL FORMING T.



PLAN SECTION OF STANDARD CORNER.
TRAN SITE CORNER MARK "A.C. 96"

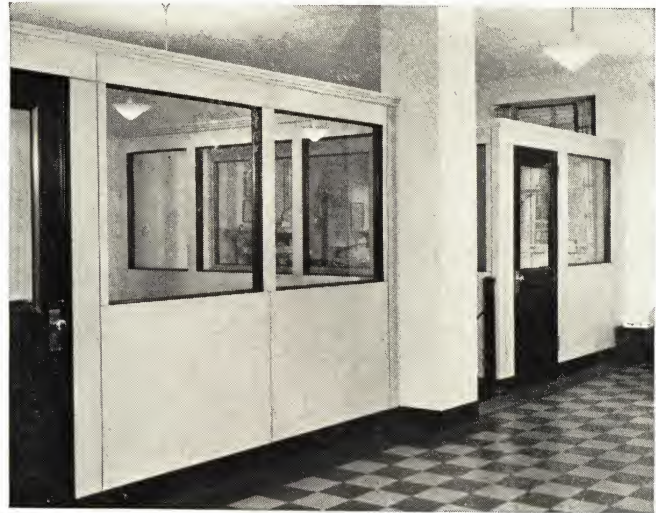


PLAN SECTION OF CORNER STANDARD DESIGN.
CORNER FORMED BY STANDARD TRANSITE PANELS

TRANSITE WALLS by JOHNS-MANVILLE



An interesting Transite Wall installation at the offices of Eli Lilly, Indianapolis, Indiana. The exterior building wall was furred with standard Transite construction, which also includes the matching radiator enclosure. The finish is oak veneer on Transite.



Where glass is required for borrowing light or to provide visual control, Transite Wall standards permit such construction in both free-standing and ceiling-high walls of varying heights. Above is a 7' 6" free-standing Transite and glass wall at the Union Dime Savings Bank, New York, N. Y.

Specification for J-M TRANSITE WALLS SHORT FORM

GENERAL: The work contemplated under this specification shall include all material, labor, equipment and services necessary for the installation of interchangeable type Johns-Manville movable Transite Walls, (state in detail work to be done) as shown on drawings herein specified.

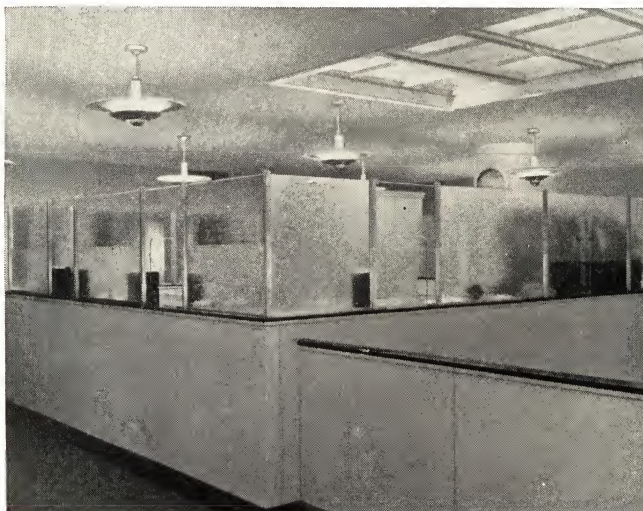
SHOP DRAWINGS: Shop drawings showing details of construction, layout, standard hardware, fittings, anchors, etc., shall be submitted for approval.

MATERIAL: Concealed structural members shall be 20 gauge steel. All exposed Transite sheets shall be hung with concealed fastenings to permit the removal and replacement of sheets. Transite shall be 7/16" thick with smooth, true surfaces. Mineral Board, when specified for top fillers, shall be at least 1/4" thick.

All material shall be Transite Wall Standards including bucks, light frames, doors, and hardware.

CONSTRUCTION: Set embossed slotted studs, with stud extensions, ceiling channels and floor channels set and anchored to floor, ready to receive Transite sheets, all in accordance with Transite Wall standard details of methods of erection, with finish as required (state in detail finish desired).

WORKMANSHIP: The finished work shall be strong, rigid, neat in appearance, and free from defects or buckles. Walls or partitions shall be erected in a rigid, substantial manner, straight and plumb, and with horizontal lines level. Hardware shall be carefully adjusted, and entire work complete and left in perfect condition.



The simplified construction principle of Transite Walls is readily adaptable to various heights and types of railings. Shown above is a conventional bank screen installation at the offices of Paine Webber, and Company, Boston, Mass.

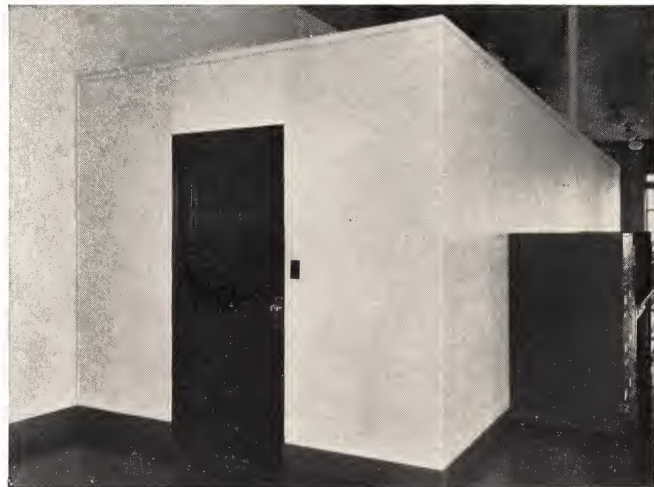


The adaptability of Transite Walls to varying conditions is exemplified by this installation at Lehman Brothers, New York, N. Y. The ceiling-high wall, the low rail with gate and the arched opening all utilize standard Transite units.

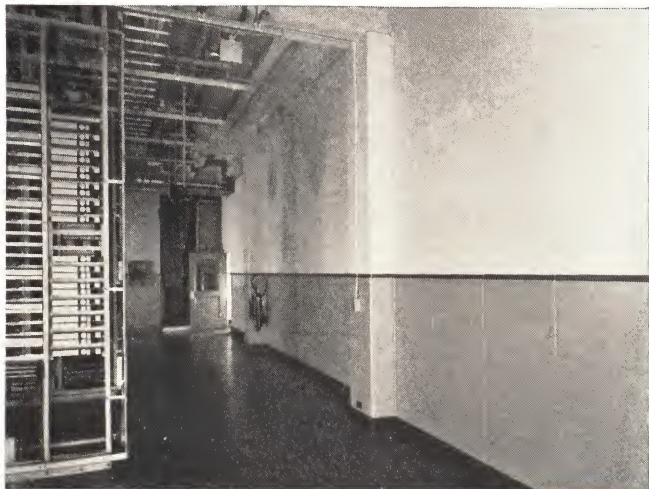
TRANSITE WALLS *by* JOHNS-MANVILLE



Transite Walls can be finished to exactly match conventional walls. In this installation in the Toledo Trust Company Building, Toledo, Ohio, the left half of the room is a tile and plaster wall, while the right half, an extension, is a Transite Wall, yet the two are identical in appearance.



A free-standing Transite Wall at the Northwestern Bell Telephone Company, Minneapolis, Minn. Because of its simplified design and interchangeability of units, such a wall is virtually 100% salvageable should re-location or other changes ever become necessary.



The delicate automatic equipment of telephone companies requires the selection of a partition which can be erected or dismantled with a minimum of dust and dirt. That is why the New England Telephone and Telegraph Company chose Transite Walls in the installation shown above.



In this modern office at the West Virginia Department of Unemployment Compensation, Charleston, W. Va., the principle of flexible unit construction embodied in Transite Walls has been extended to include floors of J-M Asphalt Tile and ceilings of J-M Sanacoustic Tile.



Only Transite Wall construction could provide the continuous flush surface necessary for such a transition from ceiling high walls to railing as shown above. Installation at The Wm. S. Merrell Co., Reading, Ohio.



This installation in the laboratory of a prominent medical research organization required the accommodation of six different services. All wiring and piping, while concealed within the walls, is easily accessible.

SOME TYPICAL INSTALLATIONS OF

TRANSITE WALLS

by Johns-Manville

Aluminum Co. of America
American Sugar Refining Co.
Bakelite Corporation
Bankers Trust Co.
Barrett Company
Beechnut Packing Co.
Boston Consolidated Gas Co.
Brown University
Carbide & Carbon Chemical Corp.
Chamber of Commerce Bldg. (New Haven)
Chase Brass & Copper Co.
Chemical Bank & Trust Co.
Chrysler Building Corp.
Cincinnati Gas & Elec. Co.
Cities Service Co.
Colgate-Palmolive Peet Co.
Collegiate Church of St. Nicholas (New York)
Columbia Broadcasting System, Inc.
Commodore Hotel (New York)
Commonwealth Edison Co. (Chicago)
Consolidated Chemical Industries, Inc.
Consolidated Gas Co. (Baltimore)
Corn Products Refining Co.
Crown Can Co.
E. I. du Pont de Nemours & Co., Inc.
Eli Lilly & Co.
Federal Land Bank (Baltimore)
Federal Reserve Bank (New York)
Flintkote Company
Forstmann Woolen Co.
General Dyestuff Corp.

General Electric Co.
General Motors Corp.
H. J. Heinz Co.
Hercules Powder Co.
Hickok Manufacturing Co.
Hospital for Chronic Diseases (New York)
Hostess Cake Co.
International Business Machines Corp.
International Nickel Co.
International Printing Ink Co.
Intertype Corp.
S. H. Kress & Co.
Lehman Bros.
Lever Brothers Co.
Liberty Mutual Life Insurance Co.
Long Island Lighting Co.
Marshall Field Estate
Metropolitan Edison Co. (Reading, Pa.)
Metropolitan Life Ins. Co.
Monarch Life Insurance Co.
Morgan Stanley & Co., Inc.
Mutual Chemical Co.
National Broadcasting Co.
National City Realty Co.
National Electrotape Co.
New England Tel. & Tel. Co.
Norfolk Newspapers Inc.
Northwestern Bell Tel. Co.
New York Stock Exchange
New York Telephone Co.
Ohio Oil Co.
Paine Webber & Co.

Pittsburgh Post-Gazette
Porcelain Enamel and Mfg. Co.
Procter & Gamble Mfg. Co.
Radio Station WOR
Richmond Health Center (New York)
Rochester Telephone Co.
Rockefeller Center, Inc.
Jacob Ruppert (Brewery)
Schenley Distillers Corp.
Sealed Power Corp.
Second National Bank Bldg. (Toledo)
Shell Union Oil Corp.
Simmons Company
Southern New England Tel. Co.
Sperry Gyroscope Company, Inc.
Standard Oil Co. of New Jersey
Standard Sanitary Mfg. Co.
State of W. Va., Dept. of Unemployment Compensation
Stone & Webster Realty Co.
Standard Ultramarine Co.
Trenton Trust Co.
Underwriters' Laboratories, Inc.
Union Dime Savings Bank
United Drug Company
U. S. Envelope Co.
U. S. Industrial Alcohol Co.
U. S. Treasury Dept.
Waldorf-Astoria Hotel
Western Electric Co.
The Wm. S. Merrell Co.
Yardley & Co., Ltd.
Y. M. C. A. (Detroit)

JOHNS - MANVILLE

EXECUTIVE OFFICES: 22 EAST FORTIETH STREET, NEW YORK

There is a Transite Walls Representative at each of the J-M offices below:

BALTIMORE, St. Paul and Franklin Streets
CINCINNATI, Central Parkway at Walnut Street
DETROIT, 832 Fisher Bldg.
KANSAS CITY, 2030 Walnut Street
MINNEAPOLIS, 732 Baker Bldg.
PHILADELPHIA, 1617 Pennsylvania Boulevard
BOSTON, 49 Federal Street

CHICAGO, 222 North Bank Drive
CLEVELAND, 45 Prospect Avenue, N.W.
INDIANAPOLIS, 1503 Merchants Bank Bldg.
MILWAUKEE, 757 North Broadway
NEW YORK, 22 East 40th Street
PITTSBURGH, Liberty Avenue and Seventh Street
ST. LOUIS, 1000 Market Street